

Shoreline

May-June, 2013

news from the Florida Shore & Beach Preservation Association

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2013 Annual Conference September 25-27
Call for Papers Deadline:
June 14, 2013
Awards Deadline:
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57th ANNUAL CONFERENCE
September 25-27, 2013
Delray Beach Marriott | Delray Beach, Florida

CALL FOR PAPERS
Deadline: June 14, 2013

This year's Annual Conference will be held at the Delray Beach Marriott in Delray Beach, Florida. Please make plans to join us this September! This will be our first conference in Delray Beach and we plan to offer a field trip on Thursday afternoon highlighting the City's recently renourished beach. Key dates for registration and hotel reservations are listed on the following page. There is still time to submit your abstract for the conference.

Individual abstracts related to the following topics are welcomed.

- Storm damage impacts from Hurricane Sandy and Tropical Storm Debby
- FEMA's absence in addressing damages to Florida's non-federal beach and dune projects associated with Hurricane Sandy, and identification/assessment of current policy relating to Cat G beach projects
- Assessment of the State's field data collection and emergency permitting response
- US Army Corps of Engineers response to storm damages to Florida's federally-authorized projects

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Delray Beach
Project completed on 4/15/13,
in time to enjoy at the Annual Conference!

Photo courtesy of Coastal Planning & Engineering



2013 Annual Conference Call for Papers | 2013 Annual Conference Award Nominations
Calendar of Events **About Shoreline**
Florida Shore & Beach Preservation Association

- Revisiting permit streamlining of beach nourishment projects legislatively and administratively
- Looking forward: Sustaining Florida's beach program politically and financially
- Sand source needs and assessment

Abstract Submission Details — Abstracts should be emailed to abstracts@fsbpa.com. Each abstract should be no more than two pages and should include the *presentation title, speaker's name, company, address, phone number, and email*.

Award Nominations

Deadline: Friday, August 2, 2013

The Awards Committee is accepting nominations through **Friday, August 2, 2013**. The nomination form and complete details can be found at www.fsbpa.com/awards.htm

Key dates to remember:

- **June 14 - Call for Abstracts DEADLINE**
- **August 2 - Awards Nomination DEADLINE**
- **August 28 - last day Hotel Room Reservations guaranteed at \$139**
- **Through August 28 - Early Conference Registration**
- **After August 28 - Regular Registration**
- **September 25-27 - Annual Conference**



Delray Beach Marriott



Visit www.fsbpa.com/annual.htm for complete details on submitting your abstract and award nominations, conference registration information, and hotel reservations.

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The 2013 Legislative Session Lisa Armbruster and Debbie Flack, FSBPA

FSBPA's overriding and ambitious goal this Session was to address storm damages from Hurricane Sandy and Tropical Storm Debby, while also preserving the traditional components of Florida's statewide beach management program. These goals were successfully met when Governor Scott signed the FY 13-14 budget on May 20th, which included approximately \$37.5 million for beach projects. This article provides some insight into the very detailed beach management budget and touches briefly on other overall Session highlights.

In short, Florida's beaches fared exceptionally well compared to other resource management programs. This success was due to the Legislature's objective early on to provide funding for the repair of Florida's storm-damaged beaches in order to minimize impacts to the state's economy and once again provide much needed protection to upland structures and infrastructure. At the same time, in crafting their budget, they also made cost-effective use of limited state dollars and leveraged a significant amount of federal funding. In fact, in total, Florida is benefitting from an approximate \$200 million intergovernmental partnership for beach projects with just \$37.5 million in state funding. And finally, the Legislature accomplished this despite DEP's FY 13-14 Local Government Funding Request (LGFR) which did not identify or accommodate changes to individual projects and their funding needs due to storm damages caused by Hurricane Sandy or Tropical Storm Debby.



This year's beaches allocation was the result of the hard work by many folks, from local governments and their delegation members, both House and Senate legislative leadership at the committee and chair levels and their excellent and tireless staff, and the Governor's Office. In addition, the funding strategy could not have been orchestrated so successfully without the expert input by the US Army Corps of Engineers Jacksonville District.

Rep. Ben Albritton
Chair, House Agriculture & Natural Resources Appropriations Subcommittee



Sen. Joe Negron
Senate Appropriations Chair

The following quote is part of Governor Scott's Families First budget press release regarding Florida's natural resources and summarizes the beaches budget quite well: Debbie Flack, President of the Florida Shore and Beach Preservation Association said, "Repairing Florida's beaches from the storm damages of 2012 is of considerable importance and priority to sustain our economic growth especially as it relates to tourism as well as providing protection for miles of beaches, public infrastructure and upland development from future storms. FSBPA, as a league of coastal cities and counties, is most pleased with the Governor's budget recommendation and the Legislature's approval of over \$37 million for the maintenance of these valuable economic, recreational and environmental resources."

Beach Management Program Funding and Additional Funding-Related Provisions: The Details

Along with extensive beach management related proviso, the General Appropriations Act for FY 13-14 provides approximately \$37.5 million for the following beach management projects via a combination of new and reverted/reappropriated project dollars. Specifically, from the statewide beach management funding appropriation, the Legislature provided funding for the projects listed below.

- All 12 federal projects receiving 100% federal rehabilitation assistance (Flood Control & Coastal Emergencies funds) per favorable Project Implementation Reports (PIRs) for impacts from Hurricane Sandy and Tropical Storm Debby. The USACE has also allocated Construction General (CG) funding for most of these projects, and the budget appropriated state cost-sharing of nearly \$16 million for the non-federal cost-share associated with funding these projects.** Projects include North/South Reaches-Brevard County Shore Protection Project, Ft. Pierce Shore Protection Project, Martin County Shore Protection Project, Jupiter/Carlin Segment-Palm Beach County Shore Protection Project, Delray Beach Shore Protection Project, North Boca Raton Shore Protection Project, Segment II- Broward County Shore Protection Project, Treasure Island Segment-Pinellas County Shore Protection Project, Gasparilla Island- Lee County Shore Protection Project, Captiva/Sanibel Island Beach Nourishment, and Anna Maria Island-Manatee County Shore Protection Project. Post-construction monitoring is also available for this list of projects. If state cost-sharing dollars are short, the Legislature can consider reimbursement as needed next session. **The budget also appropriated just over \$4 million for an additional 3 federally-authorized projects that were highly ranked on DEP's project priority list and that also address recent storm damages and leverage federal cost-sharing.** Projects include Venice Beach Segment-Sarasota County Shore Protection Project, Ocean Ridge Segment-Palm Beach County Shore Protection Project, and Long Key Segment-Pinellas County Shore Protection Project. **In total, these 15 projects collectively have a federal cost-share of over 70% (\$123 million), with a modest state cost-share of less than 50% of the non-federal share – just under \$20 million!**



*Brevard County South-Reach
Post-Sandy
November 1, 2012*

- Several non-federal Hurricane Sandy beach nourishment and dune restoration projects (had FEMA not denied Hurricane Sandy disaster assistance for Florida these would have been FEMA projects) received a 50% state cost share, for a total of \$13.5 million in state cost-sharing. Projects include Mid-Reach and South County beaches/dunes in Brevard County, Wabasso/Sector III and Sebastian dune repair in Indian River County, South St. Lucie Dune Restoration in St. Lucie County, Jupiter Island Beach Nourishment and Bathtub Beach restoration in Martin County, Singer Island dune project and Coral Cove Dune Nourishment in Palm Beach County, and Deerfield Beach in Broward County.



*Indian River County
Wabasso Beach Park, Post-Sandy
10-29-12*

- The Collier County Beach Nourishment Project was allocated just under \$1 million to prepare for construction.
- Post-construction monitoring was funded at \$1.1 million (again funded at 50% of DEP's request) and specifically notes that priority shall be given to projects in the Beach Management Funding Assistance Program and other highly ranked projects in DEP's funding request for other than first-year needs.
- Inlet management was funded at nearly \$2.0 million, not quite the 10% of the total statewide allocation for beaches as anticipated by statute. Projects include St. Lucie Inlet IMP Implementation, Lake Worth Inlet Bypassing, and Sebastian IMP Implementation. The \$2.0 million may not fully cover the intended 75% state cost-sharing for inlet projects. Thus, if final costs, at 75% cost-sharing, exceed the \$2.0 million, DEP is to proportionately allocate the \$2.0 million.

Notably, there is an additional budget-related provision that is important to mention. As part of the **budget Implementing Bill, JCP permits that might otherwise have expired prior to USACE-FCCE construction completion, are extended until completion of the project.** DEP and the Legislature recognized the need to eliminate permit processing issues on these time-critical FCCE-funded projects.

Budget proviso language also directs DEP to make recommendations as to how ranking criteria in statute and rule can be modified to accommodate storm damages and other beach impacts. The Department is also encouraged to address increased adaptability in agency procedures and timetables for considering local government funding assistance requests. This budget proviso reflects the Legislature's frustration this Session with the Department's

failure to address substantively and procedurally Hurricane Sandy and Tropical Storm Debby storm damages as part of the FY 13-14 Local Government Funding Request despite an extended multi-month internal ranking process. DEP's recommendations are due by January 1st, 2014 and will be of interest to FSBPA and its members.

Substantive Legislation

While funding was certainly the focus of this Session, FSBPA monitored a handful of bills for various reasons; brief details are provided below.

- **HB 999 (SB 1864) Environmental Regulation** is an environmental regulatory reform package by Representative Patronis. FSBPA monitored this bill for any amendments that might adversely impact beaches. FSBPA also identified this bill as an appropriate vehicle for any beach-related provisions that might be necessary. The bill, not without controversy, was passed, and it contains provisions that allow multi-family residential structures such as condos and apartments to pay fees for sovereignty submerged land leases for docks consistent with other residential properties, whereas today they are charged as commercial properties.
- **HB 7007 (SB 1024) Department of Economic Development** includes a lengthy provision titled the Gulf Coast Economic Corridor Act to benefit the eight Disproportionately Distressed Counties in NW Florida affected by the oil spill. FSBPA tracked this bill for Gulf Consortium members who were very concerned with an amendment that was removed prior the bill's passage related to RESTORE Act funds. The failed amendment would have directed not only 75% of the fines collected by the Florida Attorney General for the oil spill, but also RESTORE Act funds to Triumph Gulf Coast Corp – a non-profit created by the bill. **Signed by the Governor on May 17.**
- **SB 1828 (HB 7105) Tax Administration**, included an amendment that would have allowed tourist tax revenues to be used for beach safety personnel and lifeguard activities in counties with populations of less than 250,000. FSBPA tracked this bill and amendment for members on both sides of the issue. In the last week of Session, the amendment was added, removed, and added again. However, the amendment was part of a larger, controversial Dolphins stadium amendment, and the bill died in the House at the end of Session.

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Update – WRDA (Water Resources Development Act) Passes in Senate

On Wednesday, May 15th, WRDA (S. 601) passed in the U.S. Senate by a vote of 83 to 14. Included in the WRDA is a provision that provides a mechanism for re-evaluating whether Federal fiscal participation should be continued for an additional 15 years after the initial 50-year project authorization expires. Congress, through the authorization process, would have to make the final decision. An amendment (No. 815) to the bill by Senator Tom Coburn that would have struck the section (2030) regarding beach restoration projects was successfully defeated. There is no word yet on when the House committee will take up its WRDA bill. Notably, several Florida projects set to expire are Treasure Island in Pinellas County (2019), Broward County Segment II (2020), Ft. Pierce Beach (2021), Delray Beach (2023), and Miami Beach (2025).



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US Army Corps
of Engineers®

USACE Jacksonville District **FEDERAL PROJECT STATUS UPDATES – May 2013**

By Candida Bronson, P.E.
Chief, Coastal/Navigation Section
Planning Division
Jacksonville District

FEASIBILITY STUDIES:

- **Flagler County** –The draft report has been completed and is through inhouse review. Agency technical review is ongoing, then will be submitted for vertical team review at SAD and HQ. The next major milestone is the presentation of the tentatively selected plan (TSP) to our HQ and request for approval to release the draft report to the public. The TSP Milestone meeting is scheduled for September 2013.
- **St. Lucie County** – St. Lucie County continues to move ahead with planning for a more an initial nourishment project in the southern part of the County. The Federal feasibility study is on hold until further Federal funding is made available.

OTHER MAJOR PLANNING REPORTS:

- **Brevard County Mid-Reach General Reevaluation Report (GRR)** - The final agency and public review of the GRR has been completed. The Director's Report has been submitted to the Assistant Secretary of the Army where it is currently awaiting final approval.
- **Jupiter/Carlin Shore Protection Project** - Palm Beach County has submitted a draft Section 934 report and NEPA document for the Jupiter/Carlin Segment to extend Federal participation for the next renourishment and out to 50 years of Federal participation. Federal participation has expired under the existing cost sharing agreement and congressional funds were not appropriated for this project segment. Corps' involvement continues to be to support the sponsor in their preparation of the Section 934 report.

Ocean Ridge Shore Protection Project (Section 206 of WRDA 1992): The Ocean Ridge Segment 408 package was approved by the Jacksonville District Colonel, with the intent to allow the Sponsor (Palm Beach County) to make small adjustments to the existing Federal project (T-head groins) for improved sediment transport. Palm Beach County also has a limited reevaluation report underway to support the next renourishment of the project.

- **The Draft Ft. Pierce Shore Protection Project GRR** seeks an additional 50 years of Federal participation in the project as well as the possible inclusion of groins to the project area. Alternative analysis is ongoing. Once complete, findings will be incorporated into a draft GRR which will undergo review by Jacksonville District.

- **Broward County Shore Protection Project - Segment II** – Limited Reevaluation Report (LRR) and NEPA document – Sponsor has submitted their preliminary draft LRR for the upcoming renourishment. District review of the LRR has been completed and the report is under final revisions. Following submittal by the County, the report will go to SAD for review before the public review period for the NEPA document.



The dredge in the Inlet and constructed beach at Ft Pierce.

- The **Dade County, Section 227 Project** at 63rd Street in Miami. A design and build contract is being evaluated in cooperation with the Department of Environmental Resources Management (DERM) and Reef Innovation, Inc. The project is designed and the FDEP permit was issued. Issues involving authorizing language are being resolved. Work continues on completion of Plans & Specs and future construction strategy.
- **Sarasota County, Venice** – A limited reevaluation report (LRR) and Environmental Assessment (EA) are underway to evaluate economic and environmental changes to the approved Hurricane and Storm Damage Reduction Project due to the use of a new offshore borrow area. The draft report completed agency technical review and has just been updated for costs and benefits. The next step is submittal to SAD for review and release of the EA for public review.

REGIONAL SEDIMENT MANAGEMENT (RSM):

- The **Tampa Bay Region RSM** effort is a continuation of FY12 work. Tasks include examinations of sediment budget for Manatee/Sarasota Counties and Pinellas County using the Inlet Sink Method, examination of the role of inner shelf sources and sinks, CMS modeling at Longboat Pass, and beneficial use of sediments placed at Egmont Key.
- The **Nassau and Duval Counties RSM** effort is a continuation of FY12 efforts and an extension of the Duval and St. Johns RSM region. Tasks include RSM strategies for Nassau and Duval Counties with a focus on Federal and navy deep draft navigation projects, Jacksonville Harbor O&M beneficial use evaluation, and strategies on dredging further inside the Jacksonville Harbor channel.
- The **Southeast Florida S.A.N.D. (Sediment Assessment and Needs Determination) Study** is a state-led study which will evaluate southeast Florida sand needs compared to availability in domestic offshore sources. The Corps is providing technical support for the assessment. A draft report detailing offshore sources of sand available and projected needs for those sources by the five counties was completed in fall 2012 and presented in a 13 December 2012 meeting. The results of an extensive geotechnical study were presented showing sand resources along the southeast FL coast. This was compared to projected regional needs over the next 50 years and preliminary results show sufficient material available. An independent review of the report was conducted this spring and the final report is nearing completion. It is expected that the report will be made public in the near future.

ENGINEERING AND DESIGN:

- **Sarasota County, Lido Key** – Vibracore drilling in Big Sarasota Pass has been completed for potential borrow material for the beach construction. A Draft Design Agreement is being coordinated with the sponsor for cost-sharing of the project. The City of Sarasota is also starting the FDEP permit application process.

CONSTRUCTION:

- **Brevard County, North and South Reach** – Emergency rehabilitation under the Flood Control and Coastal Emergency (FCCE) program has been funded for both reaches, plus supplemental funding for the North Reach for full construction. One construction contract for both reaches is scheduled for award in August 2013. The North Reach volume is estimated at 1,019,000 cubic yards and the South Reach volume at 586,000 cubic yards.
- **St Lucie County, Ft Pierce** – Emergency rehabilitation funding was received to add to the already scheduled cost-shared renourishment contract. The contract was awarded in April 2013 and construction has started in Ft Pierce.



Construction crews conducting tilling operations at Ft Pierce Beach.

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- **Martin County** – The scheduled cost-shared renourishment for Martin County was already awarded when Hurricane Sandy passed off the coast and caused additional erosion. A modification to the construction contract was awarded to add 130,000 cubic yards of material using FCCE funds. The cost-shared renourishment was estimated at 510,000 cubic yards, for a total of 640,000 cubic yards placed on the beach. Dredging work was completed in April 2013.
- **Palm Beach County, Jupiter/Carlin, Delray Beach, Ocean Ridge, and North Boca Raton** –The Jupiter/Carlin project will be awarded in a separate contract, due to the likely use of a hopper dredge, currently scheduled for September 2013 for approximately 80,000 cubic yards. Delray Beach, Ocean Ridge, and North Boca Raton are scheduled to be issued in one contract, to be awarded in September 2013 also. The Ocean Ridge project did not qualify for FCCE funding, but did receive supplemental funding in 2013 for cost-shared renourishment of about 550,000 cubic yards. The Delray Beach project is estimated at 500,000 cubic yards and North Boca Raton at 614,000 cubic yards.
- **Broward County, Segment II** – Emergency rehabilitation under the Flood Control and Coastal Emergency (FCCE) program has been funded and is currently in plans and specification production. An upland sand source will be used for the fill. Award is scheduled for August 2013 with approximately 150,000 cubic yards of material. This work will restore to pre-storm conditions but does not include the cost-shared volume to bring the project to the full construction template.
- **Dade County, Contract G** – The plans and specification for the scheduled cost-shared renourishment have been completed. Contract award is scheduled for August 2013.
- **Lee County, Gasparilla and Captiva** – The Captiva segment FCCE and cost-shared renourishment contract is scheduled for award in June 2013 with placement of 500,000 to 800,000 cubic yards of material. A separate construction contract will take place for Gasparilla island and is scheduled for award in August 2013, in conjunction with the Manatee County project. The Gasparilla volume is estimated at 467,000 cubic yards.
- **Manatee County** – Emergency rehabilitation FCCE funds and supplemental cost-shared funds were provided to restore the project to the full construction template. The contract is scheduled for award in August 2013. Approximately 1.2 million cubic yards of material will be placed. It is anticipated that the same contractor would be able to construct both Gasparilla and Manatee projects, so construction will occur consecutively.
- **Pinellas County, Treasure Island** – Emergency rehabilitation FCCE funds and cost-shared funds were provided to restore the project to the full construction template. The construction contract is scheduled for award in August 2013. Approximately 210,000 cubic yards of material will be placed.

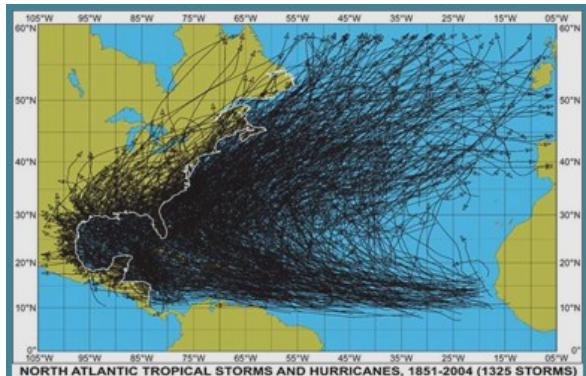
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FDEP Division of Water Resource Management District Staff Recruited and Trained in Conducting Post-Storm Inspections

By Rosaline Beckham
Environmental Specialist III
Beaches, Mines and ERP Support Program

With the 2013 hurricane season quickly approaching, the Department of Environmental Protection's (DEP) Beaches Programs have turned towards preparation efforts. One of the most important elements of preparation, and really one of the most important services that the DEP Beaches Programs provides the residents of the State of Florida following a hurricane are the post-storm inspections performed after the impact of the event. This service allows the Department to make an initial assessment of damage to the beach-dune system and upland structures, but it goes beyond this. Along with other agency reports, these initial surveys help the Department of Emergency Management improve its ability to advise the Governor on whether to declare an emergency and seek federal assistance after hurricanes. In an effort to strengthen the agency's post-storm response capabilities, the Beaches Programs have recruited staff members from each of the six District Offices to participate in cross training, in conducting the first on-the-ground assessment of coastal storm damage and post-storm inspections on an as-needed basis.



Does Florida have a need for windshield surveys?

Florida Department of Environmental Protection
Water Resource Management

CCCL Post-storm Field Training
Webinar III – Beaches Emergency Response
Procedures and the EFO
April 24, 2013



The training consisted of three 1 ½ hour webinars that provided a general overview of the Coastal Construction Control Line (CCCL) Program, information resources, CCCL guidelines and standards, and the emergency response procedures following a storm event, which includes the Department's Emergency Final Order. The webinar training was followed two weeks later by another training opportunity held in Tallahassee. This consisted of one full day of training with the focus being on the windshield survey (referred to as a windshield survey because of the rapid procedure followed in evaluating the severity of the beach erosion and the possible need for more detailed assessments), and site inspection procedures. Also included was a power point overview of the Emergency Operations Center. This allowed staff to visualize how the reports are disseminated and used during an emergency event.

The final training event, held during the last week of May, includes a one-day field trip that will be held within each district region overseen by the Beaches Programs' field inspectors and office staff. This hands-on training will give each district staff member the opportunity to become acquainted with the beach areas most likely to have significant impacts following a storm. In addition to providing training, this gives staff the opportunity to produce a pre-hurricane season condition report of the beach-dune system that will be used in evaluating post-storm beach conditions.



CALENDAR OF EVENTS

FSBPA Conferences

September 25-27, 2013

FSBPA Annual Conference

Marriott Delray Beach, FL

February 12-14, 2014

National Conference on Beach Preservation Technology

Hutchinson Island Marriott, Stuart, Florida

OTHER DATES OF INTEREST

October 22-25, 2013

ASBPA National Coastal Conference

South Padre Island, TX

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Join us

September 25-27

Delray Beach Marriott

Delray Beach, Florida

57th Annual Conference

**Florida Shore and Beach
Preservation Association**

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